

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4770-37	SERIAL NO. 10/588,216
	APPLICANT JACKSON et al.	
	FILING DATE October 15, 2003	GROUP ART 3673

59	72.	4,884,847	12/05/89	Bessinger et al.	299	1	
	73.	4,921,307	05/01/90	Braun et al.	299	34	
	74.	4,921,309	05/01/90	Harrison	299	75	
	75.	4,957,606	09/18/90	Juvan	204	164	
	76.	4,958,696	09/25/90	Lerchbaum	180	6.7	
	77.	4,966,417	10/30/90	Zitz et al.	299	33	
	78.	5,007,683	04/16/91	Granskog	299	10	
	79.	5,050,934	09/24/91	Brandl et al.	299	33	
	80.	5,072,994	12/17/91	Brandl et al.	299	67	
	81.	5,098,166	03/24/92	Ebner et al.	299	81	
	82.	5,103,705	04/14/1992	Bechem	83	491	
	83.	5,108,154	04/28/92	Brandl et al.	299	76	
	84.	5,121,971	06/16/92	Stolarczyk	299	1.6	
	85.	5,161,857	11/10/92	Mayercheck et al.	299	30	3/10/10
	86.	5,178,494	01/12/93	Zitz et al.	405	290	
	87.	5,181,934	01/26/93	Stolarczyk	299	1.2	
	88.	5,190,353	03/02/1993	Bechem	299	86	
	89.	5,228,552	07/20/93	Brandl et al.	198	515	
	90.	5,268,683	12/07/93	Stolarczyk	340	854.4	
	91.	5,333,836	08/02/94	Zitz	299	64	
	92.	5,340,199	08/23/94	Piefenbrink et al.	299	10	
	93.	5,368,369	11/29/94	Malty et al.	299	11	
	94.	5,438,517	08/01/95	Sennott et al.	364	449	
	95.	5,439,274	08/08/95	Krueckl	299	59	
	96.	5,513,903	05/07/96	Mraz	299	18	

EXAMINER <i>Suril Singh</i>	DATE CONSIDERED <i>3/18/05</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4770-37	SERIAL NO. 10/688,216
	APPLICANT JACKSON et al.	
	FILING DATE October 15, 2003	GROUP ART 3673

SS	97.	5,557,979	09/24/96	Krassnitzer et al.	74	377	
	98.	5,582,467	12/10/96	Drolet et al.	299	33	
	99.	5,685,615	11/11/1997	Bechem et al.	299	110	
	100.	5,752,572	05/19/1998	Balden et al.	175	26	
	101.	5,810,447	09/22/98	Christopher et al.	299	30	
	102.	5,896,938	04/27/99	Moony	175	1	
	103.	5,939,986	08/17/99	Schiffbauer et al.	340	573.1	
	104.	5,964,305	10/12/1999	Arzberger et al.	175	91	
	105.	5,992,941	11/30/99 1999	Delli-Gatti, Jr.	299	64	GE 3/10/10
	106.	5,999,885	12/07/99	Bloomquist et al.	701	25	
	107.	6,027,175	02/22/00	Seear et al.	299	18	
	108.	6,058,029	05/02/00	Itow et al.	363	59	
	109.	6,062,650	05/18/00	Smith et al.	299	1.4	
	110.	6,109,699	08/29/00	Mraz	299	10	
	111.	6,139,477	10/31/2000	Bechem et al.	483	1	
	112.	6,164,388	12/26/00	Martunovich et al.	175	1	
	113.	6,206,476	03/27/01	Uehara et al.	299	33	
	114.	6,215,734	04/10/01	Moony	367	147	
	115.	6,224,164	05/01/01	Hall et al.	299	75	
	116.	6,244,664	06/12/01	Ebner et al.	299	80.1	
	117.	6,257,671	07/10/01	Siebenhofer et al.	299	1.6	
	118.	6,308,787	10/30/01	Alfr	175	48	
	119.	6,315,062	11/13/01	Alfr et al.	175	45	
	120.	6,431,653 B1	08/13/002	Kleuters	299	31	
	121.	6,505,892 B1	01/14/2003	Walker et al.	299	32	

EXAMINER <i>Sanil Singh</i>	DATE CONSIDERED 3/16/05
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10688216
				Filing Date	10/15/03
				First Named Inventor	Jackson
				Art Unit	3673
				Examiner Name	SINGH, SUNIL
Sheet	1	of	1	Attorney Docket Number	4770-37

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	919,105	4/20/1909	Wischow	
	2	1,365,748	1/18/1921	Thom	
	3	3,620,573	4/10/1969 11/1971	Desmond De Villiers Oxford	
	4	4,123,109	10/31/1978	Hill	
	5	4,213,653	7/22/1990	Grenia	
	6	4,293,077	10/6/1981	Makino	
	7	4,330,155	5/18/1982	Richardson et al.	
	8	4,523,651	6/18/1985	Coon et al.	
	9	5,662,387	9/2/1997	Bartkowiak	
	10	6,304,973	10/16/2001	Williams	
	11	6,431,654	8/13/2002	Kleuters	
	12	2004/0207247	10/21/2004	Jackson et al.	

ce 3/10/10

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. ¹	
	13	Asbury et al., "A New Concept for Selective Mechanical Mining of Hard Rock", date unknown
	14	Friant et al., "Mini-Cutter Technology - The Answer To A Truly Mobile Excavator", Proceedings of North American Tunneling 1994 Conference and Exhibition; Denver, Colorado, June 6-9, 1994; 8 pages
	15	Ronnkvist et al., "Development Of A Mechanical Alcove Excavator For the Yucca Mountain Exploratory Study Facility", 6 pages, date unknown
	16	Ronnkvist et al., "Testing And Performance Evaluation Of A 32 Inch Cutterhead Using Mini Disc Cutters", Proceedings of ISDT Annual Technical Conference 1994; Las Vegas, Nevada; April 18-21, 1994; 8 pages
	17	Rostami et al., "Mini-Disc Equipped Roadheader Technology for Hard Rock Mining", p. 16-1 to 16-12, Golden, Colorado, date unknown

Examiner Signature	/Sunil Singh/	Date Considered	02/21/2010
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.S./

1449 2-20-10

4pgs.